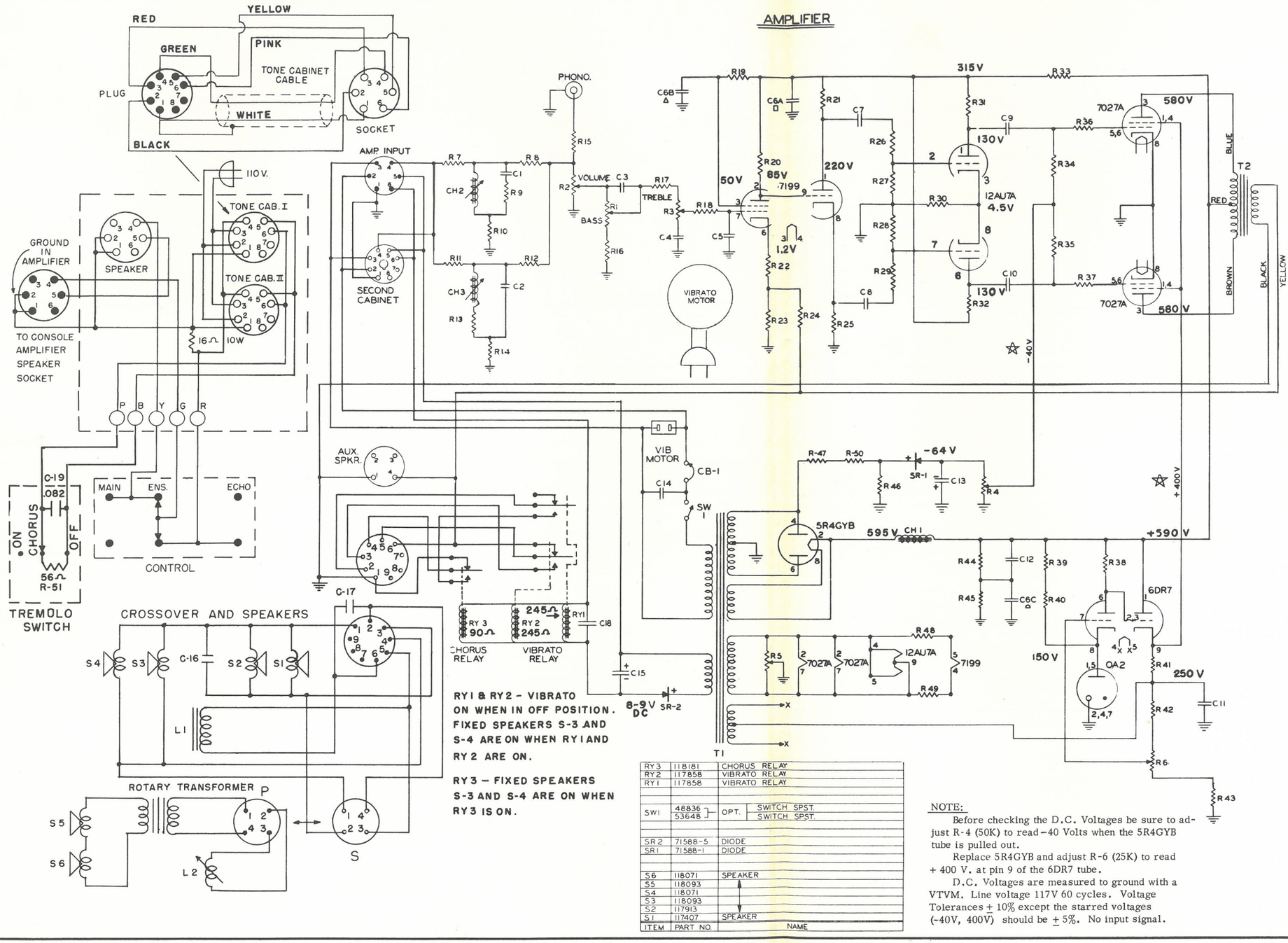
AMPLIFIER



ITEM	PART NO	NAME		
R1	53545	CONTROL, 1 MEG.		
R2	18452	100 K		
R3	53545	1 MEG.		
R4	18874	50K		
R5	114807	200Ω		
R6	117572	CONTROL, 25K		2W
R7	72196-32	RESISTOR 1500	±10%	1/2W
R8	72226-32	27000		1/2W
R9	72168-32	100Ω		1/2W
R10	72166-32	82Ω		1/2W
R11	72196-32	1500		1/2W
R12	72240-32	100000		1/2W
R13	72172-32	150Ω		1/2W
R14	72144-32	10Ω		1/2W
R15	72248-32	220000		1/2W
R16	72394-32	270000		1/2W
R17	72240-32	100000		1/2W
R18	72384-32	100000		1W
R19	72262-32	820000		1/2W
R20	72248-32	220000	±10%	1/2W
R21	72364-31	15000	±5%	1W
R22	72262-32	820000	±10%	1/2W
R23	72144-32	10Ω	±10%	1/2W
R24	72198-32	1800	±10%	1/2W
R25	72364-31	15000	±5%	1W
R26	72256-32	470000	±10%	1/2W
R27	72240-32	100000		1/2W
R28	72256-32	470000	±10%	1/2W
R29	72240-32	100000		1/2W
R30	72330-32	560Ω	±10%	1W
R31	73496-3	50000	±5%	10W
R32	73496-3	50000	±5%	10W
R33	73493-2	16500	±10%	10W
R34	72240-32	100000		1/2W
R35	72240-32	100000		1/2W
R36	72208-32	4700		1/2W
R37	72208-32	4700		1/2W
R38	72394-32	270000		1W
R39	72516-32	33000		2W
R40	72516-32	33000		2W
R41	72516-32	33000		2W
R42	72360-32	10000		1W
R43	72514-32	27000		2W
R44	72384-32	100000		1W
R45	72384-32	100000		1W
R46	72516-32	33000		2W
R47	72524-32	68000	±10%	2W
R48	74269-3	56Ω	±5%	1W
R49	74269-3	56Ω	±5%	1W
R50	72524-32	RESISTOR 68000	±10%	2W

R51	72166-32	RESISTOR	56Ω ±10%	1/2W
C19	7432 0-11	CAPACITOR	.082	100 V

T2	117425	TRANSFORMER - OUTPUT	
T1	117424	TRANSFORMER - POWER	
CH3	118097	INDUCTOR	750 MH.
CH2	118096	INDUCTOR	32 MH.
L2	117264	SOLENOID	
L1	117259	COIL	4.5 MH
CH1	117426	FILTER CHOKE	

ITEM	PART NO	NAME		
CB1	70998-8	CIRCUIT BREAKER	4.0 AMP.	
C18	71541-11	CAPACITOR	.1 MFD.	100W.V.
C17	71496	CAPACITOR	30 MFD.	
C16	71496		30 MFD.	
C15	71820		1000 MFD.	25W.V.
C14	71189-16		.033 MFD.	600W.V.
C13	71595		100 MFD.	250W.V.
C12	71876		30 MFD.	500 WV.
C11	71537-14		.047 MFD.	400 WV.
C10	71541-16		.1 MFD.	600 WV.
C9	71541-16		.1 MFD.	600 WV.
C8	71533-14		.022 MFD.	400 WV.
C7	71533-14		.022 MFD.	400 WV.
C6C		Ω	30 MFD.	500 WV.
C6B	73475	Δ	20 MFD.	400 WV.
C6A		□	20 MFD.	400 WV.
C5	70526-240		47 MMFD.	CERAMIC
C4	70542-240		220 MMFD.	CERAMIC
C3	71521-14		.0022 MFD.	400W.V.
C2	71551-11		.1 MFD.	100 W.V.
C1	71547-11	CAPACITOR	.33 MFD.	100 W.V.

ITEM	PART NO	NAME	
RY3	118181	CHORUS RELAY	
RY2	117858	VIBRATO RELAY	
RY1	117858	VIBRATO RELAY	
SW1	48836	OPT. SWITCH SPST.	
	53648	SWITCH SPST.	
SR2	71588-5	DIODE	
SR1	71588-1	DIODE	
S6	118071	SPEAKER	
S5	118093		
S4	118071		
S3	118093		
S2	117913		
S1	117407	SPEAKER	

NOTE:

Before checking the D.C. Voltages be sure to adjust R-4 (50K) to read -40 Volts when the 5R4GYB tube is pulled out.

Replace 5R4GYB and adjust R-6 (25K) to read + 400 V. at pin 9 of the 6DR7 tube.

D.C. Voltages are measured to ground with a VTVM. Line voltage 117V 60 cycles. Voltage Tolerances ± 10% except the starred voltages (-40V, 400V) should be ± 5%. No input signal.

NOTE:

CONNECTION

NO CONNECTION

THE WURLITZER COMPANY DE KALB DIVISION - DE KALB, ILLINOIS

MODEL 500 TONE CABINET

TITLE Sound System SCHEMATIC PART No. 117850

STARTING SERIAL No. 393,000 ISSUE 1 DATE 6/30/60